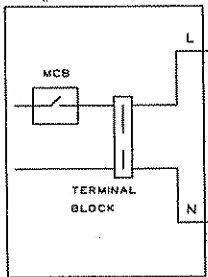


REV. NO.	SHEET NO.	DRAWING NO.	PLANT NO.	CHKD.	DATE	BY	APPD.
01	02	CD-320752	C469	P	11/11/13	00	

220VAC/127VAC  
AC DISTRIBUTION BOARD  
DWG # CD-321520



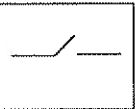
TERMINAL BLOCK

2 POLE MCB 6A

120VAC OUTLET



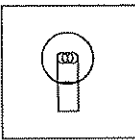
FRONT DOOR SWITCH



BACK DOOR SWITCH



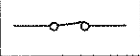
LAMP



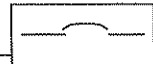
AT HEATER



THERMOSTAT

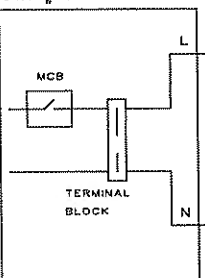


OVER RIDE SWITCH



2

220VAC INPUT  
AC DISTRIBUTION BOARD  
DWG # CD-321520



TERMINAL BLOCK

2 POLE MCB 6A

220VAC OUTLET



# NOTES

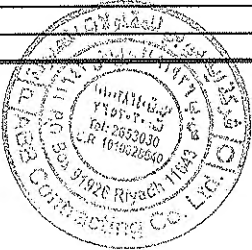
- AC DISTRIBUTION BOARD DRAWING NUMBER TO BE IDENTIFIED AT SITE.
- PANEL HAS PROVISION FOR BOTH 127VAC & 220VAC CONNECTION AS WELL. CONNECTION CAN BE MADE DEPENDING ON AVAILABILITY.
- BUT THE S/S PRIMARY AC VOLTAGE SHOULD BE IDENTIFIED.

# LEGEND

- MCB - MINIATURE CIRCUIT BREAKER
- AT - HEATER - ANTI CONDENSATION HEATER

# REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY \_\_\_\_\_ DATE \_\_\_\_\_

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD.
1	13/07	MRA	DETAIL DESIGN	MRA	AS	
0	12/01	MRA	BASE DESIGN	MRA	AS	

الشركة السعودية للكهرباء  
Saudi Electricity Company

DRAWN BY: MRA CHECKED BY: AS SCALE: NONE  
DATE STARTED: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_  
OPR'G. DEPT.: \_\_\_\_\_ ENG. DEPT.: \_\_\_\_\_

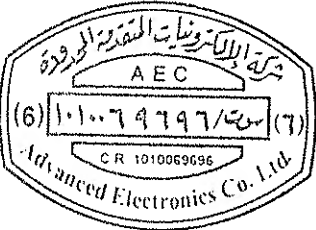
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED  
APPROVAL/CERTIFICATION INFORMATION  
DOC NO. E-123456 REV NO. 00

127VAC/220VAC SINGLE LINE DIAGRAM

S/S 8162

RIYADH SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
11131113/00	P	C469	CD-320752	01 of 02	01



MANUFACTURER NAME	DRAWING NO.	SHEET NO.	REV. NO.
AEC	CD-320752	01 of 02	01

1113113/00	00	P	C469	CD-320752	02 OF 02	01
JOB ORDER NO.	REV. NO.	PLANT NO.	DRAWING NO.	SHEET NO.	DATE	BY

125VDC  
DC DISTRIBUTION BOARD  
DWG # CD-321524

TERMINAL BLOCKS

2 POLE DC MCB 2A

125VDC DC/24VDC CONVERTER

PANEL PC

DIGITAL INPUT/  
OUTPUT BOARD

RS232/RS485 CONVERTER

NOTE 3

GSM MODULE

PQ METER

NOTE 2

BISTABLE RELAY

## NOTES

1. AC DISTRIBUTION BOARD DRAWING NUMBER TO BE IDENTIFIED AT SITE.
2. BISTABLE RELAY PRESENT ONLY FOR METER SWITCHING
3. TO BE CONNECTED ONLY IF PSTN IS NOT AVAILABLE IN S/S AS BACK UP TO LAN COMMUNICATION

## LEGEND

COM - SERIAL PORT  
DP - DIAL UP PORT  
LP - LAN PORT

PANEL PC - INDUSTRIAL PANEL PC MODEL APC-3515  
BISTABLE RELAY - BI-STABLE RELAY RXMB2  
DC/DC CONVERTER - C~CAN, HFR24/50-125  
PQ METER - POWER QUALITY, SEL 734P

## REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY \_\_\_\_\_ DATE \_\_\_\_\_

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD.
1	13/07	MRA	DETAIL DESIGN	MRA	AS	
0	12/01	MRA	BASE DESIGN	MRA	AS	

الشركة السعودية للكهرباء  
Saudi Electricity Company

DRAWN BY: MRA CHECKED BY: AS SCALE: NONE  
DATE STARTED: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_  
PROJ. DEPT.: \_\_\_\_\_ ENG. DEPT.: \_\_\_\_\_

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED  
APPROVAL/CERTIFICATION INFORMATION  
DOC NO. E-123456 REV. NO. 00

125VDC SINGLE LINE DIAGRAM

S/S 6162

RIYADH SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
1113113/00	P	C469	CD-320752	02 of 02	01

MANUFACTURER NAME		
AEC		
DRAWING NO.	SHEET NO.	REV NO.
CD-320752	02 OF 02	01

